

WHAT IS CLAIMED IS:

1. An extending base for a portable computer, comprising:
 - a base body;
 - an electrical connector fixedly mounted on said base body for being electrically connected with said portable computer;
 - a detachable cover covering said base body for supporting said portable computer, wherein said electrical connector is protrudent out of said detachable cover;
 - a plurality of first engaging elements mounted on said detachable cover;
 - a sliding structure mounted on said base body for sliding along a direction in response to an external force; and
 - a plurality of second engaging elements mounted on said sliding structure for engaging with said first engaging elements so as to fix said detachable cover on said base body.
2. The extending base according to claim 1 further comprising a latch connected with said sliding structure and protrudent out of said detachable cover for accepting said external force.
3. The extending base according to claim 2, when said latch accepts said external force which impels said sliding structure to slide along said direction, said first engaging elements and said second engaging elements are disengaged from each other so as to detach said detachable cover from said base body.
4. The extending base according to claim 1 further comprising an ejecting element mounted on said base body and protrudent out of said detachable cover.

5. The extending base according to claim 4, wherein said ejecting element is connected with an elastic structure for ejecting said portable computer out of said extending base by an elasticity of said elastic structure so as to separate said portable computer from said extending base.
6. The extending base according to claim 1, wherein said sliding structure is connected with an elastic element mounted on said base body so as to automatically slide back to a recovery position by an elasticity of said elastic element after said external force disappears.
7. The extending base according to claim 1, wherein said sliding structure and said plurality of second engaging elements are formed integrally.
8. The extending base according to claim 1, wherein said detachable cover further comprises two guiding elements respectively mounted at two upper corners of said detachable cover for guiding said portable computer to a fixed position.
9. The extending base according to claim 8, wherein said detachable cover further comprises a guiding block mounted at an upside of said detachable cover for further guiding said portable computer to said fixed position.
10. The extending base according to claim 9, wherein said portable computer is guided to said fixed position through being surrounded by said two guiding elements and said guiding block.
11. The extending base according to claim 10, wherein positions of said two guiding elements and said guiding block are changeable on said detachable cover for being adapted to different sizes of said portable computer.
12. The extending base according to claim 1, wherein said first engaging element is a hook structure.

13. The extending base according to claim 1, wherein said second engaging element is a hook structure.
14. The extending base according to claim 1 further comprising plural serial ports for being connected with plural computer peripheral equipments.
15. The extending base according to claim 1, wherein said portable computer is one of a laptop and a tablet PC.
16. The extending base according to claim 1, wherein said extending base is one of a docking station and a port replicator.
17. An extending base for a portable computer, comprising:
 - a base body having an ejecting element mounted thereon;
 - an electrical connector fixedly mounted on said base body for being electrically connected with said portable computer;
 - a plurality of detachable covers, one of which is selected for covering said base body and supporting said portable computer, wherein each of said plurality of detachable covers is adapted to a different size of said portable computer;
 - a plurality of first engaging elements mounted on said detachable cover;
 - a sliding structure mounted on said base for sliding along said base in a parallel direction;
 - a plurality of second engaging elements mounted on said sliding structure for engaging with said first engaging elements so as to fix said detachable cover on said base.
18. The extending base according to claim 17, wherein said each of said plurality of detachable covers further comprises plural guiding elements mounted thereon at different positions according to said different size of said portable computer so as to fix said portable computer to a fixed position.

19. An extending base for a portable computer, comprising:

- a base body;

- an electrical connector fixedly mounted on said base body for being electrically connected with said portable computer;

- a detachable cover covering said base body for supporting said portable computer, wherein said electrical connector is protrudent out of said detachable cover;

- a first engaging element mounted on said detachable cover;

- a sliding structure mounted on said base body for sliding along a direction in response to an external force; and

- a second engaging element mounted on said sliding structure for engaging with said first engaging element so as to fix said detachable cover on said base body.